

# यता कु या दनुत्तमम

The better you do. The better you can do.

Founded In 1942, Supreme stands among the leaders of India's Plastic Industry.



Strategic alliances with world leaders have further strengthened our capabilities and resolve to compete with the best

> Working out of 25 state of art manufacturing facilities strategically located across India.

India's one of the largest plastic processor, it process over 400,000 MT of polymer every year

Achieved turnover of INR 5632 Crores for F.Y. 2018-19 (Approx. \$ 785 Million)

































## **Product portfolio**



# **Performance Films Division**

State of the Art Infrastructure



- Supreme is amongst India's largest manufacturers of co-extruded multi-layer barrier films (upto 7 layers) with over 10000 MT p.a. capacity.
- **\*** The first multi layer barrier films manufacturer in India to have ISO 2001:2008 as well as BRC-IOP certification.
- **Complete Packaging solution provider:** 
  - Film extrusion: State-of-the art 7 layer blown film lines from W& H, Germany.
  - Printing: Gravure printing up to 8 colors
  - Pouching: Pouching machines & Gusseted bags for bulk bags

#### Awards & Recognition:

- Awarded the Best Exporter of the Year award by Plexicon in the suitable category several times in the last decade
- Preferred supplier of converters & leading food processing companies in India & abroad

#### Focus on Customers first:

- Experienced technical, marketing, designing, pre-press, printing and sales support service offer customers end to end solutions.
- Food grade resins & Inks used procured from globally renowned companies
- Well equipped laboratory ensures that our products meet precise customer specifications.
- To offer consistent products services with uncompromising quality supported by continuous improvements and innovations, thereby exceeding customer expectations



## **Technical Capabilities**

End to End Solutions

#### Extrusion

- \* 7 layer Nylon/EVOH barrier films from 25μ -300μ and widths up to 4400mm
- Printing
  - 8 color advance rotogravure print system fully equipped with automatic registration control system, web video and automatic stroboscope

#### Slitting

Latest slitting machines equipped with edge guiding systems, auto-web controls and with in-built stroboscope

### Pouch/ Bag making

- ✤ 3 side seal pouches from 100mm x 100mm to maximum 1250mm x 920mm
- Bottom Seal bags for Bulk Packing

### Quality Assurance

- Fully equipped quality control laboratory and quality assurance system in place, end user are assured a consistent, high quality product.
- Every product is thoroughly ensured for its application, as per test methods / procedure prescribed in BRC-IOP standards.
- Out of all multilayer film /plastic processing units in Asia, only Supreme is having the unique facility for testing the layer-wise thickness distribution and constituents in any plastic film.

#### Experienced Team

Being a part of largest plastic processors, we have a strong technical team to support for our valued customers for application developments.

### **Co-Extruded Films**





Extremely thin layers of resin that cannot be made into a film by themselves can be layered by co extrusion.

Multilayer layer blown film extrusion (also known as blown film coextrusion) is a process of simultaneously extruding in molten stage three or more polymers which adhere to each other through a common die to form an integral film of unique strength and barrier properties.

The selection of layers depends upon end properties required as well as items to be packed



## Structures We extrude

Being In the industry for decades we specialize in extruding specialised technical structures which are

### High Moisture Barrier (MVTR)-

PE-TL-PA-TL-PA-TL-PE PA-TL-PE-TL-PA-TL-PE( Thermoforming) PE-TL-PA-TL-PE

### High Oxygen Barrier (OTR)

PE-TL-EVOH-TL-EVOH-TL-PE PE-PE-TL-EVOH-TL-PE-PE



High Oxygen and Moisture Barrier (OTR+MVTR) PE-TL-PA-EVOH-PA-TL-PE PA-TL-PA-EVOH-PA-TL-PE (Thermoforming) PE-TL-EVOH-PA-EVOH-TL-PE (very high OTR)

Based on application special structures can also be made



### Advantage of CO-Extruded films

- ✓ Specialised structure based on application.
- ✓ Higher Barrier Properties against gas and moisture.
- ✓ Superior Sealing strength.
- ✓ Higher tensile ,impact and tear strength.
- ✓ Good Stiffness, Optical, carrier and printing properties.
- ✓ Possibility of down gauging.
- ✓ Resistance against chemicals, and punctures.
- ✓ Aroma and flavour retention.
- ✓ Low SIT ( can be used on high speed FFS&HFFS)
- ✓ Low Seal through contamination.



### **Solutions Offered**

Edible oil & Dairy Films	UHT Films	Thermoforming Films
FRP/SMC Films	Lidding Films	Lamination grade Films
Vacuum Pouches	Mulch Films	Special Applications



# Applications

#### Food & Beverage

- ✓ Cooking oil packaging
- ✓ Fresh/pasturized/UHT milk packaging
- ✓ Dairy products(cheese/paneer /ghee etc) packaging
- ✓ Meat packaging
- ✓ Marine Products packaging
- ✓ Flour/cereals/seeds packaging
- ✓ Juices/Mineral water

Etc

### Non-food

- ✓ Chemicals
- $\checkmark$  dies and paints
- ✓ Polymers
- ✓ Hydroscopic products
- ✓ Adhesives
- ✓ White cement

Etc



### EDIBLE OIL AND DAIRY FILMS

### **Overview & Features**

- Excellent Barrier Properties against Moisture oxygen and odour
- ✓ High Burst Strength and Puncture resistance
- Excellent seal integrity and toughness to withstand tears and pinholes
- ✓ Adequate mechanical strength to reduce handling damages
- ✓ Superior gloss and printability



### UHT FILMS



### **Overview & Features**

- ✓ Excellent Shelf life at ambient temperature
- ✓ Customised structure for shelf life from 30-180 days
- Economical Packaging compared to tetra pack with upto 66% Savings
- ✓ Environment friendly recyclable film



### Thermoforming Films



#### **Overview & Features**

Excellent Saleability
High Barrier Properties
Good Thermo formability
Excellent transparency





### Lamination Grade Films



#### Overview and features-

- ✓ Posses excellent optical properties .
- ✓ Extremely high gas and moisture barrier properties.
- Availability of various OTR and MVTR properties for increased shelf life
- ✓ Strong mechanical and puncture resistant properties.
- ✓ Specialized structure for Antifog,UV,easypeel etc.



### **Exclusive Services we offer**



- ✓ Film Analysis
- ✓ Structure development
- ✓ Down gauging
- ✓ Pre press setup
- ✓ Customer Training and development
- ✓ Round the clock service



#### **The SUPREME Industries Ltd**

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